

Annual Report and Work Plan

June 30, 2002

State Buildings Energy Efficiency Program

Prepared by the Utah Energy Office, Department of Natural Resources

Executive Summary

From June 23, 1999 to June 30, 2002, the State Buildings Energy Efficiency Program (SBEEP) produced at least \$3,067,473 in gross energy savings. The SBEEP Action Plan for the next fiscal year is attached as Attachment 1. It is estimated that SBEEP savings for 2002-03 will exceed the savings achieved in each of the past two years in a total accumulation towards the Governor's goal of \$20 million in energy savings by 2010.

Background

This report has been prepared by the Utah Energy Office pursuant to an Executive Order titled "Establishing A State Building Energy Efficiency Program" of June 23, 1999. Under that Executive Order, the program is directed to:

1. Achieve significant energy savings through the implementation of a comprehensive and coordinated energy efficiency plan, the goal of which is to reduce energy costs by a cumulative total of \$20,000,000 by 2010;
2. Provide, through these savings, a source of funding for the LeRay McAllister Critical Land Conservation Fund;
3. Provide energy management services, technical energy assistance, and financial coordination necessary to obtain energy cost reductions and increased efficiency in state facilities.

Since the Executive Order's effective date, there have been organizational changes, renewed interagency cooperation, and assignment of new staff to help achieve the Governor's purposes

for the SBEEP. In May 2001, the resources of the Utah Office of Energy Services at the Department of Community and Economic Development and the Office of Energy and Resource Planning at the Department of Natural Resources were combined to form the Utah Energy Office. Currently, 3.5 full time employees from the new Utah Energy Office and two part-staff members from the Division of Facilities Construction and Management (DFCM) participate in a joint interagency team to support SBEEP goals.

Progress to Date: SBEEP Savings Achieved to June 30, 2002

Table 1 includes a conservative base of savings attributable to SBEEP from June 23, 1999 through June 30, 2002. Additional measurement and verification data for this period are being compiled for other projects and will be added to this base of savings for the June 30, 2003 report.

Table 1- Post Project Savings

Energy Project and Activities	Number of Buildings	Gross Savings to Date	Net Savings
UPL Rate Settlement	None	see footnote	see footnote
DFCM-funded upgrades 2000-2001		To be calculated	
New Building Low Energy Design Program	5 buildings completed to date	71,073	71,073
Southern Utah University	1	To be calculated	NA

Energy Project and Activities	Number of Buildings	Gross Savings to Date	Net Savings
Dixie College	1	To be calculated	NA
College of Eastern Utah		To be calculated	NA
Logan Courts Facility	1	21,360	21,360
University of Utah	88	2,657,682	NA
SBEEP Information Campaign at the DNR Complex	5	10,358	10,358
Totals to date:	101	\$3,067,473 ¹	\$102,791

Outlook to the Future: Program Action Plan for 2002-03

With due consideration to the purpose of SBEEP as outlined in the Executive Order, the SBEEP Action Plan for 2002-03 has been developed with appropriate performance goals, milestones, and delineation of responsibilities for DNR and DFCM (see Attachment 1 with 25 individual action items). The following describes major areas of focus for the action plan:

¹ For building retrofit projects funded with either DNR Public Building Loan Program loans or funds provided on a lease purchase with energy service companies, net savings only occur after the term of the loan or lease is fulfilled. For the New Building Low Energy Design Program, incentive payouts are made to the architectural and engineering design teams that exceed ASHRAE 90.1 (1989) by 25%. New buildings participating include: State Library, WSU Browning Hall, Wasatch State Park Clubhouse, UDOT Traffic Control Center, and Davis County Court Addition. Energy efficiency in newly constructed buildings allows for lower long term O&M appropriations for those same buildings as compared to inefficient counterpart buildings. The entire UPL rate refund totaling \$311,760 was deposited to the LeRay McAllister Fund in April 1999 and March 2000 as required by the Quality Growth Act. (63-38-18) and is it not "net savings" as defined by the Act. 63-9-67(1)(d). The Quality Growth Act requires that 50% of net savings be reported to the legislature per 63-9-67(2)(b)(i) and deposited to the LeRay Fund, subject to legislative appropriation. [63-9-67(2)(c)].

Statewide Needs Assessment The 2002-03 SBEEP Action Plan includes tabulating the needs assessment surveys from each state agency including higher education. A needs assessment survey was distributed to all state agencies on May 14, 2002 with a due date of June 15, 2002. Once tabulated, the prioritized needs of each agency will be compared to technical and financial resources available under SBEEP. Prioritization will be given to projects that will yield the highest savings from agency to agency.

Internally Funded Building Retrofit Projects

Funding for retrofit projects is derived from General Funds appropriated to DFCM for capital facility improvements and targeted to energy projects. A list of cost effective projects totaling \$1,577,319 in 2001-02 funding are currently 80 percent completed with projects totaling an additional \$1,857,200 scheduled to begin after July 1, 2002 (see Attachment 2). Paybacks for 2002-03 projects range from 3.2 to 7.6 years. For DFCM's 2003-04 budget request, DFCM and Utah Energy Office staffs are cooperating to prepare a funding list.

Private Sector Financing Between \$85 million and \$ 90 million is needed to upgrade the energy efficiency of remaining state buildings. Bonding is one option to meet this capital need. But on a more immediate basis and with the current state budget situation, the Utah Energy Office and DFCM have developed a strategy for procuring the services and financial resources of private sector energy service companies in 2002-03. Structured similar to an equipment lease, the private sector

companies complete and finance energy upgrades, provide an annual savings guarantee, and are repaid from energy savings over the life or term of the agreement. The ESCO approach allows projects to proceed with very limited capital outlays from the state while avoiding the construction delays that produce lost opportunity costs. Depending on project size, ESCO-based funding can be only 0.2 percent over the price available through the bond markets.²

As found in 63-9-67 (1) (d), paybacks on energy projects can range up to 25 years depending upon the energy economics of a particular upgrade and the term of a loan or a contract agreement with an energy service company (ESCO). Typically, net savings from performance contracts with energy service companies (ESCOs) do not accrue appreciably until completion of the contract term.

In a model project completed in 2001 at the University of Utah, the private sector financing approach generated \$44 million in energy efficiency improvements for 81 campus buildings with no upfront capital expense to the University or State of Utah. Although net savings will not be realized until the term of the agreement with the energy service company is complete in 2022, deferred maintenance issues have been resolved and occupant comfort has been improved.

SBEEP is assisting with a similar procurement at Utah State University. For the 2002-03 SBEEP Action Plan, the

partners are facilitating another performance contract for three additional large projects using the energy service company approach. Experience gained from the University of Utah project has allowed SBEEP to streamline standard procurement documents and procedures, accelerating procurement and construction for these other three new projects. Included as a central component of the scope of work for future performance contract projects will be retro-commissioning of existing buildings to assure optimum levels of operation and maintenance. Cost studies from the SBEEP team indicate the best return for energy savings in state buildings can be achieved through retro-commissioning.³

Energy Efficient New Design

In 2001 the Utah Energy Office, the DFCM, and the State Building Board developed and adopted a cost-effective new standard for energy performance for new buildings. Under this standard, an integrated design team of architects and engineers is expected to design new state buildings that perform 25 percent more efficiently than the new energy code adopted in January 2001. This performance level will significantly lower life cycle costs for new buildings with little or no increases in project budgets. For 2002-03 a SBEEP energy engineer from the Utah Energy Office will participate in the value engineering and the energy performance modeling of all new state buildings to assist architects and engineers in meeting the new performance standard. The exact number of new buildings to be built is dependent on the availability of state

² Per an unpublished study by Julio Rovi P.E., with the Cadmus Group, Inc., Arlington, Virginia, lost opportunity costs when using the more time-consuming bonding approach for financing state building retrofits exceed the increase in cost of money for ESCO-based financing.

³ For reference, see analysis prepared by James Hood P.E., Utah Department of Natural Resources dated April 12, 2002.

revenue or bonding with at least 6 scheduled to begin design in 2002-03.

Energy Procurement

SBEEP staff has worked with the Division of State Purchasing in 2002 to promote Energy Star products (such as computers and refrigerators) as the products of choice when agencies purchase under state contracts. The Division of State Purchasing is examining the current array of products under existing state contracts to assure that future contracts include a preference for acquiring Energy Star labeled equipment.

For bulk purchases such as natural gas, the Division of State Purchasing has endeavored to “lock” up gas prices through long-term contracts and hedging. However, the expiration of some gas contracts just as gas prices began escalating in 1999, forced the State of Utah to purchase at higher cost per unit levels, resulting in a total cost increase of \$2.23 million for 1999 and 2000 with a savings of almost \$.5 million for 2001 as gas prices began to moderate. For natural gas, the Division has saved over a million dollars compared to the Questar rates in the current fiscal year. This savings helps offset the tremendous gas price increases that were experienced in the previous two years.

Energy Information Management System Improvements

In order to assess SBEEP’s effectiveness in meeting the goal of \$20 million in energy savings by 2010, the Utah Energy Office in conjunction with DFCM is implementing a web-based utility management program. As a web-based program, facility managers from

across the state can monitor facility energy use over time, identify utility-related problems, and verify energy efficiency improvements. Utility data will be automatically downloaded each month from Utah Power and Questar. For Phase I a total of 75 state buildings are included in the database. Phase II will be completed as part of SBEEP’s 2002-03 Action Plan and will bring the total number of participant buildings to 350 buildings.

Continual recognition is an important aspect of SBEEP –recognizing facility managers for a job well done. The database will allow SBEEP to recognize the best-performing state buildings. In 2001, SBEEP engineers qualified the first two state buildings for EPA Energy Star Awards and special recognition: the Department of Environmental Quality Building and the Utah Tax Commission Building.



EPA Director Christine Todd Whitman presents Energy Star award to Dianne Nielson, the Department of Environmental Quality, and the Utah Energy Office.

Education and Information Campaign for 2002-03

With the concern over system-wide electricity supplies in 2001-02, SBEEP developed an ad campaign in junction with the Governor’s “PowerForward Initiative” to educate both managers of state facilities and facility users and occupants about energy conservation. During that period, the Utah Energy

Office and DFCM issued four email reminders about energy conservation in state buildings. For the Department of Natural Resources Complex alone, the savings from this campaign from August 2001 to March 2002 totals \$16,685.00.



The SBEEP Education and Information Campaign saved the Department of Natural Resources \$10,358.

During the summer of 2002-03, SBEEP will be releasing at least three more notices on energy conservation for state buildings. And, before the June 30, 2003 report is submitted, SBEEP plans to complete a statistical sampling of state buildings in an effort to quantify and attribute energy savings to the education and information campaign.

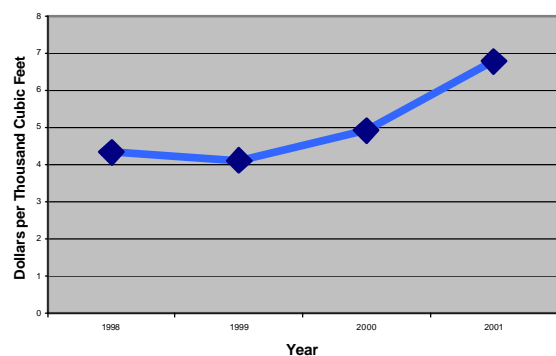
Issues and Opportunities

The following issues and opportunities have arisen since the Executive Order was issued. All of these affect the success of SBEEP:

1. State agencies express concern over repercussions from the energy provisions of the Quality Growth Act. Agencies have traditionally used any excess energy savings to fund deferred maintenance issues and to fund additional energy saving equipment upgrades. These same agencies have expressed concern over the possible loss of 50 percent

of their savings to the LeRay McCallister Fund. For them, the LeRay McCallister Fund provision becomes a disincentive.

2. Energy Price Uncertainties – During the energy market uncertainties and crisis beginning in 1999, the average utility rates used for state buildings rose a total of 8 percent for electricity and 65 percent for gas. Although some agencies received supplemental appropriations, the net effect is increased energy cost per square foot as compared with pre-increase baseline. This makes the calculation of actual energy savings more difficult for SBEEP and creates an impression that energy use is rising when, in fact, energy costs are rising while energy use is declining. As an opportunity arising from the energy crisis, state agencies are now more concerned with long-term rate stability and reliability of utility services, raising inherent interest in SBEEP.



Commercial Rate - Gas Price Increases 1998-2001

3. SBEEP Staffing Issues – Due to attrition and in-house reorganization at both DNR and DFCM, there has

been a complete turnover since June 23, 1999 of SBEEP support staff. Some program momentum was lost in the transition to new staff. As of April 22, 2002, a new combined team from both offices has been formed which includes experienced program managers and technical staff. Although the current staff commitment can meet the Governor's minimum \$20 million goal for gross energy savings, an in-house pro-forma indicates that a full contingent of 10-12 in-house professional staff would be needed to carry out an aggressive state-wide program. With only a combined FTE count of 4.5 currently available, staff will continue to focus on the most cost effective program elements and will rely on outsourcing for some engineering, construction management, and improvement financing services.

4. Performance Contracting Support from DFCM – with the change in leadership at DFCM in 2001 there has been a change of policy regarding energy service companies for performance contracts. The new DFCM leadership is considerable more open-minded and pragmatic about the long-term potential savings available to the state through well-managed performance contracts. This more constructive approach to performance contracting provides the DNR and DFCM staff managing SBEEP with one more option for leveraging savings in the climate of a tight state budget.
5. Air Quality Connection – State, regional, and national consideration is being given to the environmental

benefits from energy efficiency. These benefits include: improved visibility, air quality improvements through reductions in pollutants, and secondary economic benefits such as reduced health care costs, trading of pollution credits, etc. To better identify and quantify the benefits arising from energy efficiency, the Division of Air Quality and the Utah Energy Office are promulgating policies and procedures. With the Governor's aggressive goal for upgrading the energy efficiency of state buildings, the contribution to regional and state air quality provides an added perception of value for SBEEP.

SBEEP Contact Information:

Michael Glenn (UEO) – 538-5436
 James Hood, P.E. (UEO) – 538-5251
 Matt Bruce (UEO) – 538-5419
 Ricy Jones (DFCM) – 538-3820
 Kent Beers (DFCM) – 538-3418

ATTACHMENT 1

Action Plan

State Building Energy Efficiency Program (SBEEP)

(Action Items, Milestones, and Responsibilities 5/02/02 –6/30/03)

The purpose of the State Building Energy Efficiency Program is to:

- Exemplify state buildings as models for energy efficiency,
- Reduce the energy cost of government operations to meet the Governor's goal of \$20 million in energy saving for state buildings by 2010,
- Contribute to better air quality through energy savings in state buildings with wise use of Utah's energy resources.

SBEEP 14-Month Action Items and Milestones	DNR - Mike Glenn (team leader) – related duties	DNR - Jim Hood (PE) – related duties	DNR - Matt Bruce (EIT) – related duties	DFCM (Ricy Jones, Kent Beers, and staff) – related duties
1. Identify all state building contacts and develop a contact database (by May 10, 2002).	COMPLETED	NA	COMPLETED	COMPLETED
2. Develop a needs assessment tool for state facility managers and distribute to all facility managers state-wide (by May 13, 2002).	COMPLETED-	COMPLETED	COMPLETED	COMPLETED
3. For funding, assist with preparation of the PVE Annual Spending Plan to DOE Washington with approximately \$2.5 million for State Building Energy Efficiency Program administration, engineering, and loans.	COMPLETED	NA	NA	NA
4. Alert DNR administration and the Governor's Office of the need to prioritize the removal of the energy efficiency disincentive contained in the Quality Growth Act for legislative action in 2003 and suggest consideration of bonding for energy efficiency in state buildings (by June 8, 2002).	Include with primary issues discussion in SBEEP Annual Report to the Governor and follow-up with DNR administrations.	NA	NA	NA
5. Make the Capitol renovation a better example of energy efficiency.	Participate in meeting with Rep. Becker.	Follow-up with Colvin Engineering on energy study and present findings to Rep. Becker of the Capitol Preservation Board by July 11, 2002.	NA	NA
6. Prepare a database of energy savings achieved for state buildings from July 1, 1999 to June 30, 2002 and submit this with the annual report to the Governor by June 30, 2002 with a draft to DNR administration and the	Completed.	Completed.	Completed.	Completed.

SBEEP 14-Month Action Items and Milestones	DNR - Mike Glenn (team leader) – related duties	DNR - Jim Hood (PE) – related duties	DNR - Matt Bruce (EIT) – related duties	DFCM (Ricy Jones, Kent Beers, and staff) – related duties
Governor's Office by May 20, 2002.				
7. Follow-up on AG's investigation of energy tariffs on utility bills and any possible reductions or rebates to state agencies by June 15, 2002.	Completed.	NA	NA	NA
8. Establish DNR as an example of energy efficiency: hold monthly meetings of the DNR energy committee with a goal of completing the following by June 1, 2003: procurement of an ESCO for a turn-key project for lighting and control upgrades, retro-commissioning, etc.	Participate in monthly committee meetings and draft RFP for ESCO procurement.	Evaluate the potential for DNR as a retro-commissioning candidate facility and participate in monthly committee meetings as needed.	Preside at monthly committee meetings and follow-up on assignments made.	Assist with RFP document preparation and procurement/contracting.
9. Collect needs assessments from all facility managers through follow-up phone calls and site visits (by July 11, 2002).	Assist with follow-up calls.	Assist with follow-up calls and serve as special contact for retro-commissioning.	Take the lead for follow-up calls and develop a data base for tabulating results	Assist with follow-up calls.
10. Clear release of the proposed RFP process (for completing building commissioning and other energy saving improvement using energy service companies) with the State Building Board, DFCM, and the Board of Regents (by July 1, 2002).	N/A	NA	NA	Clear proposed process with DFCM administration and the Building Board.
11. Prepare weekly power and energy advisories for distribution by UEO to state employees and facility managers (May – August 2002).	NA	NA	Prepare the advisories to state employees and distribute through Gina for each month.	Prepare the advisories for facility managers and distribute through DFCM channels for each month.
12. For long term energy use tracking and tracking of savings, develop a web-based database with direct data transfer capabilities from Utah utilities. Provide on-line access to participating facility managers. The first phase of the data base would be 75 buildings (completed by June 30, 2002) with the second phase inclusive of the largest 300-350 buildings (completed by September 30, 2002).	Oversight	Provide technical assistance as requested.	Prepare database and negotiate with Utah utilities and facility managers for their participation.	Provide technical assistance and data as requested.
13. Work with DFCM to prioritize 3-4 state facilities to serve as model ESCO projects with technical and procurement assistance by UEO and DFCM. Prepare a RFP in conjunction with the participating state facility managers. Issue the RFPs to ESCOs serving Utah. Participate in project meetings with representatives of DFCM	Second draft of RFP completed.	Review/edit second draft.	Review/edit second draft.	Compile final draft for release by July 1, 2002.

SBEEP 14-Month Action Items and Milestones	DNR - Mike Glenn (team leader) – related duties	DNR - Jim Hood (PE) – related duties	DNR - Matt Bruce (EIT) – related duties	DFCM (Ricy Jones, Kent Beers, and staff) – related duties
and participating facilities.				
14. Review proposals and select top three ESCOs for oral interviews. Invite local agency representatives to participate in interviews.	Help in refining list of ESCOs to three and to one finalist.	Help in refining list of ESCOs to three and to one finalist.	Help in refining list of ESCOs to three and to one finalist.	Help in refining list of ESCOs to three and to one finalist.
15. Review energy audits completed by selected/finalist ESCO and establish scope of work for each facility.	Oversight	Review energy audits and assist in refining scope of work.	Review energy audits and assist in refining scope of work.	Review energy audits and assist in refining scope of work.
16. Develop and finalize contracts with the finalist ESCO including financing provisions.	Oversight	NA	NA	Finalize the contract documents with the finalist ESCO based upon the energy audits.
17. Meet with DFCM and identify all new building programmed for Value Engineering participation from UEO.	NA	Met with DFCM by May 6, 2002 and will attend all VE sessions as notified by Blake Court.	NA	N/A
18. Identify projects for Utah Power rebates.	Oversight	NA	Compilation of projects for rebates and submittal to Utah Power.	Assist as necessary and process request to UPL.
19. Inspect ESCO work as work proceeds and follow-up on problems.	NA	Inspect ESCO-based retro-commissioning projects underway at least bimonthly.	Assist with inspection of ESCO projects underway.	Inspect ESCO projects underway in DFCM-operated buildings at least bimonthly.
20. Through follow-up phone calls and a review of each facility manager's needs assessment, help each facility manager to develop a list of their top energy priorities. Provide the necessary technical assistance and in-house loan funds to help each facility manager meet their energy goals.	Oversee completion of all reviews by October 1, 2002 and development of each facility manager's top energy priorities.	Help with reviews of needs assessment and provide technical assistance as needed.	Help with reviews of needs assessment and provide technical assistance as needed.	Help with reviews of needs assessment and provide technical assistance as needed.
21. Complete retro-commissioning on the Matheson Courthouse and monitor savings achieved.	NA	Oversee retro-commissioning completion by August 1, 2002 and begin savings evaluation phase.	Incorporate savings achieved into program database (per Governor's goal of \$20 million in energy savings).	Coordinate DFCM facility manager involvement in retro-commissioning tasks.
22. Prepare the SBEEP annual report for the Governor by June 20, 2002 with initial draft completed by May 20, 2002.	Completed.	Completed.	Completed.	Completed.
23. Complete final inspection of projects and issue letters of acceptance for 3-4 model projects (June 30, 2003).	Oversight	Complete inspection.	Assist with final inspections.	Complete inspection and issue letters of acceptance.
24. Collect monthly reports from ESCO-based model projects and include in overall tabulation of SBEEP energy savings (beginning June 30, 2003).	Oversight	Review of savings reports.	Tabulate savings achieved on program database (per Governor's goal of \$20 million in savings).	Review of saving reports.
25. As the ESCO models prove positive, establish a list of 6-10 additional facilities for a similar procurement.	Oversight for developing the list of candidate facilities by December 1, 2002.	Provide data and assistance as requested.	Provide data and assistance as requested.	Provide data and assistance as requested.

SBEEP 14-Month Action Items and Milestones	DNR - Mike Glenn (team leader) – related duties	DNR - Jim Hood (PE) – related duties	DNR - Matt Bruce (EIT) – related duties	DFCM (Ricy Jones, Kent Beers, and staff) – related duties
26. Organize an annual recognition event for state facility managers including Energy Star recognition.	Oversight – Delegate to Gina the responsibility to organize event in conjunction with DNR and DFCM public affairs staff.	Assist in identifying energy champions from among state facility managers.	Assist in identifying energy champions from among state facility managers, work with facility managers to complete their Energy Star nominations to EPA.	Assist in identifying energy champions from among state facility managers.

ATTACHMENT II
Proposed Retrofit Projects

FY 2002 Energy Projects

Agency/Institution	Additional Study	Funding Recommend	Annual Savings	Payback
Utah State University				
HPER Chiller Replacement	\$100,000			
Veterinary Diagnostics Bldg. Chiller Replacement	\$200,000			
Nutrition & Food Science Bldg. Chiller Replacement	\$270,000			
Weber State University				
Stevenson Athletic Bldg Heating & Air Conditioning	\$518,600			
Ogden/Weber ATC				
HVAC Replacement 4 Buildings	\$400,000			
Health				
Frasier Lab: General Ltg. Std. 2-3-4-L Wraps		\$48,198	\$5,999	8
Frasier Lab: Exit signs std.		\$1,991	\$461	4.3
Frasier Lab: Variable Frequency Drives		\$82,100	\$11,630	7.1
Cannon Health Exit Signs Std.		\$2,803	\$649	4.3
Police Academy Exit Signs		\$2,063	\$427	4.8
UDOT				
Maintenance/Testing Bldg: Co-Ray Vac Heaters/Vacuum	\$65,000			
MTF 4 Tube Fixtures		\$42,353	\$9,475	4.5
MTF Exit Signs		\$5,900	\$1,365	4.3
MTF 3 Tube Fixtures		\$675	\$203	3.3
MTF 2 Tube Fixtures		\$26,031	\$5,204	5
MTF 8 Foot Fixtures		\$2,941	\$734	4
UDOT Admin Exit Signs		\$5,900	\$1,365	4.3
UDOT Admin and Cafeteria VAV Replacement	\$341,000			
Workforce Services				
Administration North Bldg. VAV Controls Replacements		\$162,000		
Administration North Bldg. HVAC Controls & Equipment	\$50,000			
Provo Office General Ltg. Std. 4-L T-12		\$16,744	\$4,392	3.8
Provo Office Exit signs Std.		\$148	\$34	4.4
Administration Bldg. General Ltg. Std. 4-L T-12		\$99,981	\$26,227	3.8
Administration Bldg. Exit Signs Std.		\$2,213	\$512	4.3
Tax Commission Parking Lot Std. 1000 MY		\$5,180	\$2,888	1.8
Employment Security So. Co. Switches & Relays		\$48,500	\$4,900	9.9
Drivers License (W. Valley) General Ltg. Std. 4-L T-12		\$5,384	\$1,412	3.8
Exit signs Std.		\$148	\$34	34
700 West Juvenile Courts Control System		\$26,166	\$3,621	5.2
300 Misc. Conf. Rms Occupancy Sensors/Switchpack		\$61,800	\$31,500	2
Total	\$1,944,600	\$649,219	\$113,032	

Restoration of Funding
FY02 Capital Improvement
Projects with Delayed Funding

Project Number	Agency/Institution	Amount Funded	Delayed Funding
01248010	<u>Agriculture</u> Replace mechanical equipment	\$90,000	\$90,000
01279390	<u>Health</u> Cannon Health Bldg. - Chiller improvements. Cannon Health Bldg. - Upgrade HVAC	\$158,300	\$143,300
01277390		\$209,800	\$189,300
01073730	<u>Southern Utah University</u> Streamline replacement	\$145,000	\$145,000
01266240	<u>Ogden Weber AIC</u> HVAC Replacement at Student Services	\$400,000	\$360,000
	TOTAL	\$1,003,100	\$928,100